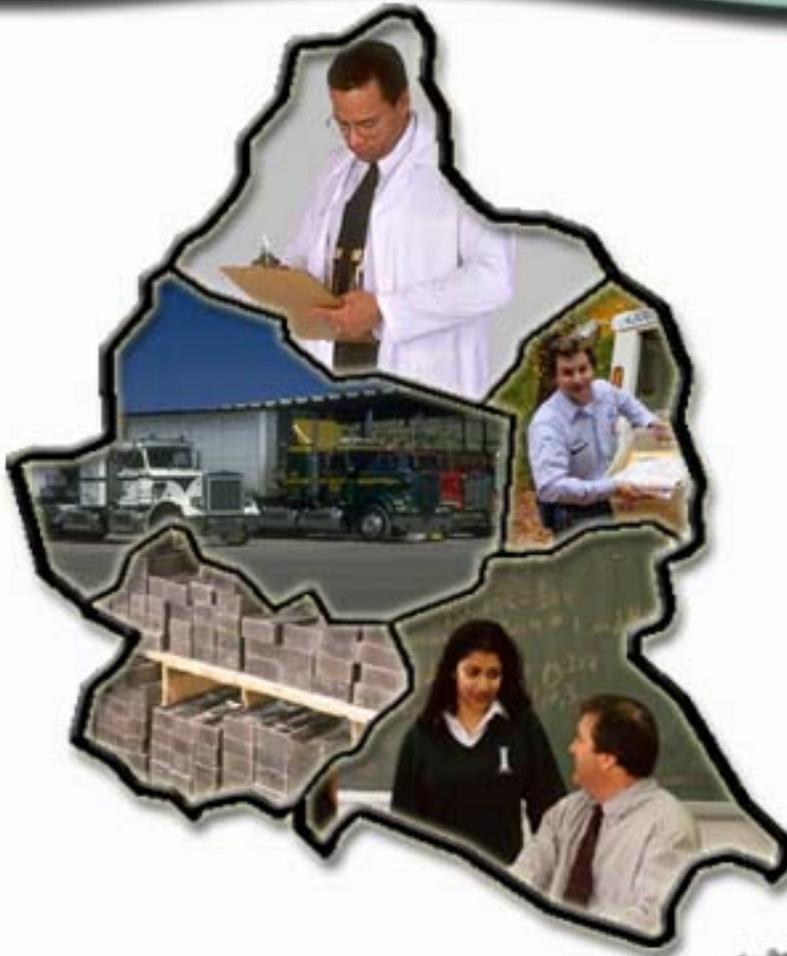


FIVCO Area Occupational Outlook to 2010



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Education Cabinet
Department for Employment Services
Frankfort, Kentucky 40621

FIVCO AREA OCCUPATIONAL OUTLOOK TO 2010

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PREFACE

The Labor Market Information in this publication is based on a large array of labor market statistics collected and developed by the staff of the Research and Statistics (R&S) Branch in the Kentucky Department for Employment Services. The Labor Market Information (LMI) Section within R&S developed the projections and this publication.

The Kentucky Occupational Employment Statistics (OES) survey of Kentucky employers provided the occupational employment data used in the study. This is a statewide survey of approximately 20,000 employers, over a three-year period, representing the various industries in Kentucky. The employment data used to project industries to the year 2010 were based on the Current Employment Statistic (CES) and the Employment and Earnings (ES-202) programs. The projected total growth in each Area Development District (ADD) was based on employment data from 1971 through 2000 developed from the Local Area Unemployment Statistics (LAUS) program. Data from all of the above programs were used to develop the occupational outlook to 2010 publications for each Area Development Districts listed below:

ADD 1-Purchase Area	ADD 8&9-Buffalo Trace and Gateway Areas
ADD 2-Pennyriple Area	ADD 10-FIVCO Area
ADD 3-Green River Area	ADD 11-Big Sandy Area
ADD 4-Barren River Area	ADD 12-Kentucky River Area
ADD 5-Lincoln Trail Area	ADD 13-Cumberland Valley Area
ADD 6-Louisville (KIPDA) Area	ADD 14-Lake Cumberland Area
ADD 7-Northern Kentucky Area	ADD 15-Bluegrass Area

The projections and this publication are funded by the U.S. Department of Labor (USDOL), Employment and Training Administration. The national industry and occupational projections developed by the U. S. Department of Labor's Bureau of Labor Statistics were used in the process to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U.S. Department of Commerce, Bureau of Economic Analysis provided additional statistics necessary in the projection process. The Utah Department of Economic Security developed the personal computer-based model used for the occupational projections. Special thanks go to the Kentucky employers who completed the questionnaires that provided the employment information necessary for this effort.

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INTRODUCTION

Which jobs will be in demand in the FIVCO Area from now until the year 2010? Which occupations will provide the most job openings each year through 2010? Which occupations are likely to grow the fastest and which are likely to decline from 2000 to 2010? The *FIVCO Area Occupational Outlook to 2010* offers some insight into these often asked questions. Students, job seekers, counselors and others should find this report helpful.

This report contains highlights and a user's guide to occupational statistics that provide answers to frequently asked questions regarding the statistics. Also included are tables of the top 45 FIVCO Area occupations with the most annual job openings and the 44 fastest-growing FIVCO Area occupations. The FIVCO Area Occupational Employment Outlook and Job Openings tables beginning on page 9 provides occupational employment projections for a variety of occupations. This table also presents, for each of these occupations, the number and percentage of expected change in employment and the average number of annual job openings for the period of 2000 to 2010.

While this study provides projections of occupational trends and job openings in the FIVCO Area, it should be stressed that the estimates are subject to the limitations that are a part of any effort to determine future conditions. It is impossible to predict what the FIVCO Area will look like in 2010. The projections of long-term trends into the future, however, should provide valuable insight into the likely magnitude of occupational growth or decline in the area. The projections have been carefully prepared using accepted methods within a framework of national, state and area assumptions. They will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available.

The estimates in this report reflect only the demand for labor from 2000 through 2010. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

With a projected tighter labor market resulting from Kentucky's labor force growing more slowly than employment, along with the structural and technological changes that are taking place in all industries, the development and utilization of our human resources have become a top priority for all those concerned with employment training. Education and training programs that can meet the needs of employers today and in the future will take on even greater importance. To meet this challenge, it is crucial that education and training planners, business, labor, government and job seekers have the necessary occupational information to assist them in making informed, intelligent decisions in the development of these education and training programs as well as individual career choice. This publication was designed to assist users in these tasks.

NOTE: These 2000-2010 projections use the new Standard Occupational Classification (SOC) system, while prior versions of projections used the Occupational Employment Statistics (OES) codes for classifying occupations. Because of this change, the titles and content of major occupational groups and many detailed occupations are substantially different. Several major groups have been renamed, combined, or reorganized. Some individual occupations also have been renamed or classified within different major groups. Some occupations are no longer listed, while newer occupations are listed for the first time with the SOC system. Because of these changes, the 2000-2010 projections are not comparable with earlier sets of projections. Information of the SOC system can be obtained at the U.S. Bureau of Labor Statistics SOC Home Page at <http://www.bls.gov/soc/home.htm>.

HIGHLIGHTS

- ✓ FIVCO Area employment is expected to grow from 52,646 to 59,042 between 2000 and 2010, a gain of 12.1 percent.
- ✓ Between 2000 and 2010, the total annual job openings are expected to be about 1,968.
- ✓ Growth in employment will make available about 640 job openings annually.
- ✓ Approximately 1,328 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- ✓ Approximately 33 percent of job openings will result from growth, and the remaining 67 percent will result from separations from the labor force.
- ✓ The greatest number of job openings will be in the Sales and Related Occupations (295), followed by the Food Preparation and Serving Related Occupations (288), and the Office and Administrative Support Occupations (275).
- ✓ Particular Occupations with the largest percentage of change from 2000 to 2010 in the FIVCO Area are Home Health Aides (97%), Security Guards (88%), Computer Support Specialists (81%) and Medical Assistants (79%).
- ✓ The largest growth rates between 2000 and 2010 are expected to be in the Computer and Mathematical Occupations (53.9%), the Protective Service Occupations (43.1%), and the Healthcare Practitioners and Technical Occupations (40.5%).
- ✓ The top two FIVCO Area occupations with the most annual job openings are Combined Food Preparation and Serving Workers (140) and Retail Salespersons (116).

A USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?

- 1) Total average annual job openings and
- 2) Employment change expressed as a percentage

The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.

What creates job openings?

- 1) Employment growth (new jobs)
- 2) Employment separations (job vacancies created by persons separating from an occupation)

What causes employment change?

Industrial growth or decline has the greatest influence on employment change. Industrial growth occurs when the demand for goods and services rises and, in turn, the demand for workers to produce those goods and services rises.

Technological change can raise the demand for some skills while eliminating the need for others. As this shift is going on, demand in the industry as a whole may be rising or falling.

New ways of doing business such as self-service, out-sourcing, or 24-hour operations can affect employment change.

Then what about employment separations?

Employment separations are still important when evaluating an occupation's potential outlook. Job openings are created by persons separating from an occupation because of retirements, promotions into different occupations, career changes, or deaths. In many instances, the number of employment separations exceeds new jobs.

Do workers tend to leave one occupation more than another?

Every occupation has a different rate of employment separations. Those occupations that require much education and training and/or have a high percentage of full-time workers tend to have low separation rates. But occupations that require little education and/or training tend to have higher separation rates.

What factors affect the number of job openings for an occupation?

- 1) The overall size of the occupation: How many workers are employed already?
- 2) The occupation's separation rate: How many job vacancies are created from workers separating from the occupation?
- 3) The occupation's rate of change: How fast is it growing or declining?

Which factor is more important?

Size of employment and separation rate are more important than rate of change in affecting the number of job openings.

What is the best way to compare one occupation with another?

- 1) Look at the total average annual job openings, not just openings resulting from growth. A large number of openings means it should be relatively easy to find a job in that occupation.
- 2) Look at the employment change expressed as a percentage. A high percentage increase in employment means that there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

**Top 45
FIVCO Area Occupations With The Most Annual Job Openings**

<u>Occupation Code</u>	<u>Occupational Title</u>	<u>Job Openings</u>		
		<u>Average Annual 2000-2010</u>		
		<u>Growth</u>	<u>Separations</u>	<u>Total</u>
<u>Management Occupations</u>				
11-1021	General and Operations Managers	13	15	28
11-9111	Medical and Health Services Managers	9	3	12
<u>Business and Financial Operations Occupations</u>				
13-2011	Accountants and Auditors	14	5	19
<u>Community and Social Services Occupations</u>				
21-1021	Child, Family, and School Social Workers	9	4	13
<u>Education, Training, and Library Occupations</u>				
25-9041	Teacher Assistants	9	15	24
25-2021	Elementary School Teachers, Ex. Special Ed.	3	16	19
25-2031	Secondary School Teach., Ex. Special & Voc Ed	4	12	16
<u>Healthcare Practitioners & Technical Occupations</u>				
29-1111	Registered Nurses	64	26	90
29-2061	Licensed Practical & Licensed Vocational Nurse	11	10	21
29-2034	Radiologic Technologists and Technicians	8	4	12
29-2041	Emergency Medical Technicians & Paramedics	5	5	10
<u>Healthcare Support Occupations</u>				
31-1012	Nursing Aides, Orderlies, and Attendants	9	7	16
31-9092	Medical Assistants	10	3	13
31-1011	Home Health Aides	9	1	10
<u>Protective Service Occupations</u>				
33-9032	Security Guards	26	8	34
33-3012	Correctional Officers and Jailers	4	6	10
33-3051	Police and Sheriff's Patrol Officers	5	4	9
<u>Food Preparation & Serving Related Occupations</u>				
35-3021	Combined Food Prep. & Serving Workers	57	83	140
35-3031	Waiters and Waitresses	17	36	53
35-1012	Supervisors of Food Prep. and Serving	7	11	18
35-2011	Cooks, Fast Food	3	13	16
35-2021	Food Preparation Workers	6	10	16
35-2014	Cooks, Restaurant	8	7	15
35-2012	Cooks, Institution and Cafeteria	0	9	9

**Top 45
FIVCO Area Occupations With The Most Annual Job Openings (cont'd)**

<u>Occupation Code</u>	<u>Occupational Title</u>	<u>Job Openings</u>		
		<u>Average Annual 2000-2010</u>	<u>Growth</u>	<u>Separations</u>
<u>Building, Grounds Cleaning & Maintenance Occupations</u>				
37-2011	Janitors & Cleaners, Ex. Maids & Housekeeping	15	17	32
<u>Personal Care and Service Occupations</u>				
39-9011	Child Care Workers	34	47	81
<u>Sales and Related Occupations</u>				
41-2031	Retail Salespersons	30	86	116
41-2011	Cashiers	24	80	104
41-1011	Supervisors of Retail Sales Workers	6	11	17
41-2021	Counter and Rental Clerks	1	9	10
<u>Office and Administrative Support Occupations</u>				
43-4051	Customer Service Representatives	52	6	58
43-5081	Stock Clerks and Order Fillers	3	24	27
43-4171	Receptionists and Information Clerks	15	11	26
43-3031	Bookkeeping, Accounting, and Auditing Clerks	13	12	25
43-9061	Office Clerks, General	6	14	20
43-1011	Supervisors of Office and Administrative	6	9	15
43-6014	Secretaries, Except Legal, Medical, and Executive	0	15	15
43-3071	Tellers	0	14	14
43-3021	Billing and Posting Clerks and Machine Operators	6	7	13
43-4081	Hotel, Motel, and Resort Desk Clerks	5	4	9
<u>Construction and Extraction Occupations</u>				
47-2111	Electricians	10	4	14
<u>Installation, Maintenance & Repair Occupations</u>				
49-3023	Automotive Service Technicians and Mechanics	13	6	19
<u>Production Occupations</u>				
51-1011	Supervisors of Production and Operating	0	12	12
<u>Transportation and Material Moving Occupations</u>				
53-7062	Laborers, Freight, Stock & Material Movers, Hand	0	21	21
53-3032	Truck Drivers, Heavy and Tractor-Trailer	4	8	12

**Top 45
Fast-Growing FIVCO Area Occupations**

<u>Occupation Code</u>	<u>Occupational Title</u>	<u>Fast Growing Occupations</u>				<u>Total</u>
		<u>Employment Actual 2000</u>	<u>Employment Projected 2010</u>	<u>Change 2000-2010</u> <u>Number Percent</u>		<u>Job Openings Average Annual 2000-2010</u>
<u>Management Occupations</u>						
11-9111	Medical and Health Services Managers	150	239	89	59.3	12
11-9151	Social and Community Service Managers	62	81	19	30.6	3
11-3021	Computer and Information Systems Managers	33	41	8	24.2	2
11-3011	Administrative Services Managers	50	62	12	24.0	2
<u>Business and Financial Operations Occupations</u>						
13-2011	Accountants and Auditors	306	450	144	47.1	19
13-1051	Cost Estimators	35	47	12	34.3	2
<u>Computer and Mathematical Occupations</u>						
15-1041	Computer Support Specialists	41	74	33	80.5	3
<u>Community and Social Services Occupations</u>						
21-1022	Medical and Public Health Social Workers	47	69	22	46.8	3
21-1021	Child, Family, and School Social Workers	339	428	89	26.3	13
<u>Education, Training, and Library Occupations</u>						
25-2041	Special Ed. Teachers to Elem.	94	119	25	26.6	4
<u>Healthcare Practitioners & Technical Occupations</u>						
29-1126	Respiratory Therapists	48	83	35	72.9	5
29-1071	Physician Assistants	40	69	29	72.5	4
29-1123	Physical Therapists	42	64	22	52.4	3
29-1111	Registered Nurses	1,280	1,915	635	49.6	90
29-2034	Radiologic Technologists and Technicians	171	252	81	47.4	12
29-1062	Family and General Practitioners	41	58	17	41.5	3
29-1127	Speech-Language Pathologists	54	74	20	37.0	3
29-2052	Pharmacy Technicians	107	139	32	29.9	6
29-2061	Licensed Practical & Licensed Vocational Nurse	390	498	108	27.7	21
29-2012	Medical and Clinical Laboratory Technicians	47	60	13	27.7	2
29-1051	Pharmacists	113	142	29	25.7	6
<u>Healthcare Support Occupations</u>						
31-1011	Home Health Aides	97	191	94	96.9	10
31-9092	Medical Assistants	125	224	99	79.2	13
31-2021	Physical Therapist Assistants	51	77	26	51.0	5
31-9094	Medical Transcriptionists	85	123	38	44.7	6

**Top 45
Fast-Growing FIVCO Area Occupations (cont'd)**

<u>Occupation Code</u>	<u>Occupational Title</u>	<u>Fast Growing Occupations</u>				<u>Total</u>
		<u>Employment Actual 2000</u>	<u>Employment Projected 2010</u>	<u>Change 2000-2010</u> <u>Number Percent</u>		<u>Job Openings Average Annual 2000-2010</u>
<u>Protective Service Occupations</u>						
33-9032	Security Guards	291	548	257	88.3	34
33-3051	Police and Sheriff's Patrol Officers	178	231	53	29.8	9
<u>Food Preparation & Serving Related Occupations</u>						
35-3021	Combined Food Prep. & Serving Workers	1,359	1,929	570	41.9	140
35-2014	Cooks, Restaurant	248	326	78	31.5	15
35-3031	Waiters and Waitresses	635	806	171	26.9	53
<u>Personal Care and Service Occupations</u>						
39-3091	Amusement and Recreation Attendants	32	43	11	34.4	2
39-9011	Child Care Workers	1,371	1,713	342	24.9	81
<u>Sales and Related Occupations</u>						
41-3031	Securities, Commodities & Financial Serv. Sales	46	79	33	71.7	3
<u>Office and Administrative Support Occupations</u>						
43-4051	Customer Service Representatives	683	1,206	523	76.6	58
43-4081	Hotel, Motel, and Resort Desk Clerks	95	146	51	53.7	9
43-4121	Library Assistants, Clerical	53	72	19	35.8	4
43-4171	Receptionists and Information Clerks	499	647	148	29.7	26
43-4031	Court, Municipal, and License Clerks	36	45	9	25.0	2
<u>Construction and Extraction Occupations</u>						
47-2111	Electricians	185	288	103	55.7	14
<u>Installation, Maintenance & Repair Occupations</u>						
49-3023	Automotive Service Technicians and Mechanics	266	392	126	47.4	19
49-3021	Automotive Body and Related Repairers	39	56	17	43.6	3
49-3042	Mobile Heavy Equip. Mechanics, Ex. Engines	64	87	23	35.9	4
<u>Production Occupations</u>						
51-8031	Water, Liquid Waste Treat. Plant & System Ops	112	160	48	42.9	9
<u>Transportation and Material Moving Occupations</u>						
53-7061	Cleaners of Vehicles and Equipment	137	180	43	31.4	9
53-1021	Supervisor of Helper, Laborer & Material Mover	49	61	12	24.5	2

Explanation of Data Elements on the Occupational Outlook Table

Occupational Employment Outlook and Job Openings

Occupational		Employment		Job Growth		Average Annual Job Openings			Average Wage	Education/ Training Required *
Code	Title	2000	2010	2000	2010	Growth	Separations	Total	2001	
Estimated		Projected		Number		Percent				

• **Occupational Codes and Titles** used in this report are based on the *Standard Occupational Coding (SOC) Structure*.

NOTE:

Alphabetical listing beginning on page 34 should help locate a specific occupation within the tables.

• **Estimated 2000** employment is based on the *Occupational Employment Statistics (OES) Survey of employers*.
 • **Projected 2010** levels of occupational employment are based on projections of industry employment and projections of occupational change factors between 2000 and 2010.

NOTE:

The Occupational employment estimates for 2000 to 2010 include all classes of workers such as public and private, wage and salaried workers; agricultural workers; private household workers; and self-employed.

• **Number** - The total number of jobs in an occupation gained or lost over the 2000 to 2010 period.
 • **Percent** - Percent change in employment in an occupation over the ten year period.

NOTE:

In Kentucky, 16.0 percent job growth between 2000 and 2010 is the average growth for all occupations.

An occupation is expected to experience:

- 1) *average growth if percent change is between 12 to 18%;*
- 2) *very fast growth if > 30%;*
- 3) *fast growth if >18% < 30%;*
- 4) *slow growth if >5% <12%;*
- 5) *very slow growth if >0% <5%;*
- 6) *negative or declining growth <0%.*

• **Growth** openings provide estimates of the average number of job openings expected to occur each year between 2000 and 2010 that result from employment growth.

• **Separation** openings provide estimates of the average number of job openings expected to occur each year in an occupation, resulting from workers separating or leaving the occupation for such reasons as retirement, promotion, or simply transferring among occupations. Such separations would require replacement workers.

• **Total** openings provide estimates of the total number of job openings expected each year from employment growth or job separations.

NOTE:

If employment growth is negative, the total number of job openings will equal the number of separations. They are equal because the number of separations already takes into account the negative employment growth.

• **Average wage** in this report always refers to the 2001 mean average hourly wage.

NOTE

Average hourly wages for each of the teacher occupations in this report were calculated from the average annual wage by assuming the average working months per year was 9.5 and average hours worked per week was 40.

• **Education and Training Levels Usually Required** were developed by the Bureau of Labor Statistics and grouped into eleven levels (1-11).

***NOTE**

The various levels are described in detail on page 33 of this report.

FIVCO Area

Management Occupations

Occupational Employment Outlook and Job Openings

Occupational Code	Occupational Title	Employment*		Change 2000-2010		Job Openings Average Annual 2000-2010			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Growth	Separations	Total		
00-0000	Total, All Occupations	52,646	59,042	6,396	12.1	640	1,328	1,968	n/a	n/a
11-0000	Management Occupations	4,294	4,551	257	6.0	26	66	92	n/a	n/a
11-1000	Top Executives	1,095	1,246	151	13.8	15	21	36	n/a	n/a
11-1011	Chief Executives	186	205	19	10.2	2	6	8	45.38	4
11-1021	General and Operations Managers	909	1,041	132	14.5	13	15	28	25.96	4
11-2000	Advertising, Marketing, Promotions, PR & Sales	89	103	14	15.7	1	1	2	n/a	n/a
11-2011	Advertising and Promotions Managers	*	*	*	*	*	*	*	19.56	4
11-2020	Marketing and Sales Managers	76	87	11	14.5	1	1	2	n/a	n/a
11-2021	Marketing Managers	*	*	*	*	*	*	*	29.50	4
11-2022	Sales Managers	53	65	12	22.6	1	1	2	27.23	4
11-3000	Operations Specialties Managers	470	473	3	0.6	0	8	8	n/a	n/a
11-3011	Administrative Services Managers	50	62	12	24.0	1	1	2	22.91	4
11-3021	Computer and Information Systems Managers	33	41	8	24.2	1	1	2	28.79	4
11-3031	Financial Managers	128	133	5	3.9	1	2	3	27.79	4
11-3040	Human Resources Managers	55	53	-2	-3.6	0	1	1	24.30	4
11-3051	Industrial Production Managers	*	*	*	*	*	*	*	32.35	5
11-3061	Purchasing Managers	33	24	-9	-27.3	0	1	1	21.39	4
11-3071	Transportation, Storage & Distribution Managers	64	61	-3	-4.7	0	1	1	23.84	8
11-9000	Other Management Occupations	2,640	2,729	89	3.4	9	36	45	n/a	n/a
11-9010	Agricultural Managers	892	736	-156	-17.5	0	5	5	n/a	n/a
11-9012	Farmers and Ranchers	885	728	-157	-17.7	0	5	5	n/a	9
11-9021	Construction Managers	63	49	-14	-22.2	0	1	1	23.55	5
11-9030	Education Administrators	139	146	7	5.0	1	4	5	n/a	4
11-9031	Education Admin., Preschool, Child Care Center	*	*	*	*	*	*	*	16.62	4
11-9032	Education Admin., Elementary & Secondary	96	100	4	4.2	0	3	3	n/a	4
11-9041	Engineering Managers	66	46	-20	-30.3	0	1	1	35.41	4
11-9051	Food Service Managers	136	168	32	23.5	3	2	5	13.04	8
11-9061	Funeral Directors	37	36	-1	-2.7	0	1	1	12.32	6
11-9081	Lodging Managers	*	*	*	*	*	*	*	14.76	8
11-9111	Medical and Health Services Managers	150	239	89	59.3	9	3	12	26.57	4
11-9121	Natural Sciences Managers	*	*	*	*	*	*	*	43.08	4
11-9131	Postmasters and Mail Superintendents	31	28	-3	-9.7	0	1	1	21.37	8
11-9141	Property, Real Estate, Community Assn Manager	*	*	*	*	*	*	*	17.88	5
11-9151	Social and Community Service Managers	62	81	19	30.6	2	1	3	17.47	5
11-9199	Managers, All Other	1,019	1,144	125	12.3	13	18	31	22.11	8

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Business & Financial Operations Occs.

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total	Wage 2001	Training Req'd~
13-0000	Business and Financial Operations Occupations	951	1,186	235	24.7	24	19	43	n/a	n/a
13-1000	Business Operations Specialists	504	573	69	13.7	7	12	19	n/a	n/a
13-1020	Buyers and Purchasing Agents	64	52	-12	-18.8	0	2	2	n/a	n/a
13-1022	Wholesale & Retail Buyers, Ex. Farm Products	*	*	*	*	*	*	*	12.20	5
13-1023	Purchasing Agents, Ex. Wholesale, Retail & Farm	39	31	-8	-20.5	0	1	1	22.60	5
13-1041	Compliance Officer, Ex. Ag., Construction, Health	36	40	4	11.1	0	1	1	22.71	9
13-1051	Cost Estimators	35	47	12	34.3	1	1	2	23.39	5
13-1070	Human Res., Training & Labor Relations Spec	99	103	4	4.0	0	2	2	n/a	n/a
13-1071	Employment, Recruitment & Placement Spec.	38	40	2	5.3	0	1	1	15.03	5
13-1073	Training and Development Specialists	40	43	3	7.5	0	1	1	20.08	5
13-1111	Management Analysts	*	*	*	*	*	*	*	22.43	4
13-1199	Business Operations Specialists, All Other	238	297	59	24.8	6	6	12	17.78	5
13-2000	Financial Specialists	447	613	166	37.1	17	7	24	n/a	n/a
13-2011	Accountants and Auditors	306	450	144	47.1	14	5	19	25.88	5
13-2050	Financial Analysts and Advisors	*	*	*	*	*	*	*	n/a	n/a
13-2051	Financial Analysts	*	*	*	*	*	*	*	14.49	5
13-2072	Loan Officers	64	67	3	4.7	0	1	1	19.40	5
13-2080	Tax Examiners, Collectors, Preparers & Revenue	38	50	12	31.6	1	1	2	n/a	n/a
13-2082	Tax Preparers	*	*	*	*	*	*	*	13.40	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Computer & Mathematical Occupations

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
15-0000	Computer and Mathematical Occupations	180	277	97	53.9	10	2	12	n/a	n/a
15-1000	Computer Specialists	179	276	97	54.2	10	2	12	n/a	n/a
15-1021	Computer Programmers	47	41	-6	-12.8	0	1	1	17.25	5
15-1041	Computer Support Specialists	41	74	33	80.5	3	0	3	11.84	6
15-1051	Computer Systems Analysts	*	*	*	*	*	*	*	24.20	5
15-1061	Database Administrators	*	*	*	*	*	*	*	14.76	5
15-1071	Network and Computer Systems Administrators	*	*	*	*	*	*	*	18.02	5
15-1099	Computer Specialists, All Other	*	*	*	*	*	*	*	13.55	7
15-2000	Mathematical Scientists	*	*	*	*	*	*	*	n/a	n/a

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Architecture & Engineering Occupations

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change 2000-2010		Job Openings			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Average Annual Growth	2000-2010 Separations	2010 Total		
17-0000 Architecture and Engineering Occupations		728	571	-157	-21.6	0	16	16	n/a	n/a
17-1000	Architects, Surveyors, and Cartographers	*	*	*	*	*	*	*	n/a	n/a
17-1022	Surveyors	*	*	*	*	*	*	*	15.51	5
17-2000	Engineers	303	242	-61	-20.1	0	6	6	n/a	n/a
17-2041	Chemical Engineers	40	27	-13	-32.5	0	1	1	33.40	5
17-2051	Civil Engineers	42	37	-5	-11.9	0	1	1	29.55	5
17-2070	Electrical and Electronics Engineers	60	61	1	1.7	0	1	1	n/a	n/a
17-2071	Electrical Engineers	55	58	3	5.5	0	1	1	33.52	5
17-2081	Environmental Engineers	*	*	*	*	*	*	*	32.12	5
17-2110	Industrial Engineers, Including Health & Safety	32	23	-9	-28.1	0	1	1	n/a	n/a
17-2111	Health & Safety Engineers, Ex. Mining Safety Eng.	*	*	*	*	*	*	*	21.16	5
17-2112	Industrial Engineers	*	*	*	*	*	*	*	31.66	5
17-2141	Mechanical Engineers	*	*	*	*	*	*	*	27.41	5
17-2151	Mining & Geological Engineers, Inc. Mining Safety	*	*	*	*	*	*	*	30.33	5
17-3000	Drafters, Engineering, and Mapping Technicians	399	308	-91	-22.8	0	10	10	n/a	n/a
17-3010	Drafters	114	82	-32	-28.1	0	4	4	n/a	n/a
17-3020	Engineering Technicians, Except Drafters	235	184	-51	-21.7	0	5	5	n/a	n/a
17-3022	Civil Engineering Technicians	78	80	2	2.6	0	2	2	12.68	6
17-3023	Electrical & Electronic Engineering Technicians	52	37	-15	-28.8	0	1	1	23.41	6
17-3025	Environmental Engineering Technicians	*	*	*	*	*	*	*	18.85	6
17-3099	Drafters, Engineering & Mapping Tech., All Other	35	27	-8	-22.9	0	1	1	20.69	6

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Life, Physical & Social Science Occs.

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change 2000-2010		Job Openings Average Annual 2000-2010			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Growth	Separations	Total		
19-0000 Life, Physical, and Social Science Occupations		308	238	-70	-22.7	0	9	9	n/a	n/a
19-1000	Life Scientists	*	*	*	*	*	*	*	n/a	n/a
19-1030	Conservation Scientists and Foresters	*	*	*	*	*	*	*	n/a	n/a
19-1031	Conservation Scientists	*	*	*	*	*	*	*	24.05	5
19-1099	Life Scientists, All Other	*	*	*	*	*	*	*	30.33	5
19-2000	Physical Scientists	73	49	-24	-32.9	0	2	2	n/a	n/a
19-3000	Social Scientists and Related Workers	54	53	-1	-1.9	0	1	1	n/a	n/a
19-4000	Life, Physical, and Social Science Technicians	160	114	-46	-28.8	0	5	5	n/a	n/a
19-4031	Chemical Technicians	101	78	-23	-22.8	0	2	2	15.74	6
19-4090	Misc. Life, Physical & Social Science Technicians	42	27	-15	-35.7	0	2	2	n/a	n/a

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Community & Social Services Occs.

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change 2000-2010		Job Openings Average Annual 2000-2010			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Growth	Separations	Total		
21-0000 Community and Social Services Occupations		1,017	1,201	184	18.1	18	18	36	n/a	n/a
21-1000	Couns., Social Workers & Other Community	680	807	127	18.7	13	10	23	n/a	n/a
21-1010	Counselors	155	155	0	0.0	0	3	3	n/a	n/a
21-1012	Educational, Vocational, and School Counselors	69	80	11	15.9	1	1	2	23.63	3
21-1015	Rehabilitation Counselors	*	*	*	*	*	*	*	12.61	3
21-1020	Social Workers	397	507	110	27.7	11	4	15	n/a	n/a
21-1021	Child, Family, and School Social Workers	339	428	89	26.3	9	4	13	13.83	5
21-1022	Medical and Public Health Social Workers	47	69	22	46.8	2	1	3	15.31	5
21-1090	Misc. Community & Social Service Specialists	128	145	17	13.3	2	2	4	n/a	n/a
21-1093	Social and Human Service Assistants	108	123	15	13.9	2	2	4	10.49	10
21-2000	Religious Workers	321	375	54	16.8	5	8	13	n/a	n/a
21-2011	Clergy	*	*	*	*	*	*	*	21.11	3
21-9000	Misc. Counselors, Social, & Religious Workers	*	*	*	*	*	*	*	n/a	n/a

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Legal Occupations

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
23-0000	Legal Occupations	132	151	19	14.4	2	1	3	n/a	n/a
23-1000	Lawyers, Judges, and Related Workers	58	69	11	19.0	1	1	2	n/a	n/a
23-1011	Lawyers	51	62	11	21.6	1	0	1	38.34	1
23-1020	Judges, Magistrates, and Other Judicial Workers	*	*	*	*	*	*	*	n/a	n/a
23-2000	Legal Support Workers	61	69	8	13.1	1	0	1	n/a	n/a
23-2011	Paralegals and Legal Assistants	*	*	*	*	*	*	*	12.66	6
23-9000	Miscellaneous Legal & Related Workers	*	*	*	*	*	*	*	n/a	n/a
23-9099	Legal and Related Workers, All Other	*	*	*	*	*	*	*	15.03	5

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed
 Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Education, Training & Library Occs.

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change 2000-2010		Job Openings			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Average Annual Growth	2000-2010 Separations	Total		
25-0000 Education, Training, and Library Occupations		3,501	3,835	334	9.5	33	72	105	n/a	n/a
25-1000 Postsecondary Teachers		335	404	69	20.6	7	9	16	n/a	n/a
25-1120	Arts, Comm. & Humanities Teachers, Postsec.	33	39	6	18.2	1	1	2	n/a	n/a
25-1190	Miscellaneous Postsecondary Teachers	213	261	48	22.5	5	6	11	n/a	n/a
25-2000 Primary, Secondary & Special Ed. School Teach.		1,811	1,923	112	6.2	11	40	51	n/a	n/a
25-2010	Preschool and Kindergarten Teachers	226	226	0	0.0	0	3	3	n/a	n/a
25-2011	Preschool Teachers, Except Special Education	139	132	-7	-5.0	0	2	2	10.12	5
25-2012	Kindergarten Teachers, Ex. Special Education #	87	94	7	8.0	1	1	2	23.69	5
25-2020	Elementary and Middle School Teachers	966	999	33	3.4	3	22	25	n/a	n/a
25-2021	Elementary School Teachers, Ex. Special Ed. #	694	724	30	4.3	3	16	19	24.89	5
25-2022	Middle School Teachers, Ex. Special & Voc. Ed #	258	260	2	0.8	0	6	6	25.91	5
25-2030	Secondary School Teachers	409	446	37	9.0	4	13	17	n/a	n/a
25-2031	Secondary School Teach., Ex. Special & Voc Ed #	377	413	36	9.5	4	12	16	25.94	5
25-2032	Vocational Ed. Teachers, Secondary School #	32	33	1	3.1	0	1	1	27.93	5
25-2040	Special Education Teachers	210	252	42	20.0	4	3	7	n/a	n/a
25-2041	Special Ed. Teachers, Preschool to Elem #	94	119	25	26.6	3	1	4	23.61	5
25-2042	Special Education Teachers, Middle School #	58	67	9	15.5	1	1	2	24.53	5
25-2043	Special Education Teachers, Secondary School #	58	66	8	13.8	1	1	2	27.07	5
25-3000 Other Teachers and Instructors		483	535	52	10.8	5	5	10	n/a	n/a
25-3999	Teachers, Primary, Secondary & Adult, All Other #	397	439	42	10.6	4	4	8	16.19	5
25-4000 Librarians, Curators, and Archivists		92	98	6	6.5	1	2	3	n/a	n/a
25-4021	Librarians	69	69	0	0.0	0	1	1	20.03	3
25-4031	Library Technicians	*	*	*	*	*	*	*	8.90	11
25-9000 Other Education, Training & Library Occupations		780	875	95	12.2	10	16	26	n/a	n/a
25-9031	Instructional Coordinators	*	*	*	*	*	*	*	22.73	3
25-9041	Teacher Assistants #	729	818	89	12.2	9	15	24	11.50	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Average hourly wages for teacher occupations were calculated by assuming the average working months per year was 9.5 and hours worked per week was 40.

FIVCO Area

Arts, Design, Entertainment, Sports & Media Occs.

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total	Wage 2001	Training Req'd~
27-0000	Arts, Design, Entertain., Sports & Media Occs	814	954	140	17.2	14	15	29	n/a	n/a
27-1000	Art and Design Workers	172	187	15	8.7	2	2	4	n/a	n/a
27-1020	Designers	133	143	10	7.5	1	1	2	n/a	n/a
27-1023	Floral Designers	*	*	*	*	*	*	*	6.96	10
27-1024	Graphic Designers	41	50	9	22.0	1	0	1	10.93	5
27-1026	Merchandise Displayers and Window Trimmers	*	*	*	*	*	*	*	9.86	10
27-2000	Entertainers, Performers, Sports & Related	487	598	111	22.8	11	9	20	n/a	n/a
27-2040	Musicians, Singers, and Related Workers	468	579	111	23.7	11	9	20	n/a	n/a
27-2041	Music Directors and Composers	68	83	15	22.1	2	1	3	n/a	4
27-3000	Media and Communication Workers	118	126	8	6.8	1	2	3	n/a	n/a
27-3031	Public Relations Specialists	*	*	*	*	*	*	*	17.21	5
27-3040	Writers and Editors	45	56	11	24.4	1	1	2	n/a	n/a
27-3041	Editors	*	*	*	*	*	*	*	18.26	5
27-3090	Miscellaneous Media & Communication Workers	*	*	*	*	*	*	*	n/a	n/a
27-4000	Media and Communication Equipment Workers	37	43	6	16.2	1	1	2	n/a	n/a
27-4012	Broadcast Technicians	*	*	*	*	*	*	*	9.69	7

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Healthcare Practitioners & Technical Occs.

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
		2000	2010	2000-2010		Average Annual	2000-2010	Total		
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations			
29-0000	Healthcare Practitioners & Technical Occs	3,086	4,335	1,249	40.5	125	68	193	n/a	n/a
29-1000	Health Diagnosing and Treating Practitioners	1,806	2,640	834	46.2	83	38	121	n/a	n/a
29-1011	Chiropractors	*	*	*	*	*	*	*	27.04	n/a
29-1020	Dentists	*	*	*	*	*	*	*	39.82	1
29-1031	Dietitians and Nutritionists	*	*	*	*	*	*	*	18.14	5
29-1051	Pharmacists	113	142	29	25.7	3	3	6	38.68	1
29-1060	Physicians and Surgeons	101	142	41	40.6	4	2	6	n/a	1
29-1062	Family and General Practitioners	41	58	17	41.5	2	1	3	62.46	1
29-1063	Internists, General	*	*	*	*	*	*	*	67.72	1
29-1071	Physician Assistants	40	69	29	72.5	3	1	4	29.27	5
29-1111	Registered Nurses	1,280	1,915	635	49.6	64	26	90	20.52	6
29-1120	Therapists	177	265	88	49.7	9	4	13	n/a	n/a
29-1121	Audiologists	*	*	*	*	*	*	*	22.56	3
29-1122	Occupational Therapists	*	*	*	*	*	*	*	26.43	5
29-1123	Physical Therapists	42	64	22	52.4	2	1	3	30.72	3
29-1125	Recreational Therapists	*	*	*	*	*	*	*	12.93	5
29-1126	Respiratory Therapists	48	83	35	72.9	4	1	5	17.08	6
29-1127	Speech-Language Pathologists	54	74	20	37.0	2	1	3	19.47	3
29-2000	Health Technologists and Technicians	1,213	1,624	411	33.9	41	29	70	n/a	n/a
29-2010	Clinical Laboratory Technologists & Technicians	108	142	34	31.5	3	3	6	n/a	n/a
29-2012	Medical and Clinical Laboratory Technicians	47	60	13	27.7	1	1	2	16.17	6
29-2021	Dental Hygienists	35	37	2	5.7	0	1	1	18.29	6
29-2030	Diagnostic Related Technologists & Technicians	213	317	104	48.8	10	5	15	n/a	n/a
29-2034	Radiologic Technologists and Technicians	171	252	81	47.4	8	4	12	16.77	6
29-2041	Emergency Medical Technicians & Paramedics	206	254	48	23.3	5	5	10	10.47	7
29-2050	Health Diagnosing, Treating Pract. Support Tech	209	297	88	42.1	9	5	14	n/a	n/a
29-2052	Pharmacy Technicians	107	139	32	29.9	3	3	6	9.81	10
29-2061	Licensed Practical & Licensed Vocational Nurse	390	498	108	27.7	11	10	21	13.24	7
29-9000	Other Healthcare Pract. & Technical Occs	67	71	4	6.0	0	0	0	n/a	n/a
29-9010	Occupational Health, Safety Specialists & Tech.	*	*	*	*	*	*	*	18.72	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Healthcare Support Occupations

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total	Wage 2001	Training Req'd~
31-0000	Healthcare Support Occupations	1,154	1,544	390	33.8	39	21	60	n/a	n/a
31-1000	Nursing, Psychiatric, and Home Health Aides	660	844	184	27.9	18	8	26	n/a	n/a
31-1010	Nursing, Psychiatric, and Home Health Aides	660	844	184	27.9	18	8	26	n/a	n/a
31-1011	Home Health Aides	97	191	94	96.9	9	1	10	7.89	11
31-1012	Nursing Aides, Orderlies, and Attendants	563	653	90	16.0	9	7	16	8.64	11
31-2000	Occupational, Physical Therapist Assist. & Aides	81	122	41	50.6	4	2	6	n/a	n/a
31-2010	Occupational Therapist Assistants and Aides	*	*	*	*	*	*	*	n/a	n/a
31-2011	Occupational Therapist Assistants	*	*	*	*	*	*	*	16.26	6
31-2020	Physical Therapist Assistants and Aides	70	105	35	50.0	4	2	6	n/a	n/a
31-2021	Physical Therapist Assistants	51	77	26	51.0	3	2	5	16.09	6
31-2022	Physical Therapist Aides	*	*	*	*	*	*	*	9.12	11
31-9000	Other Healthcare Support Occupations	413	578	165	40.0	17	10	27	n/a	n/a
31-9090	Miscellaneous Healthcare Support Occupations	413	578	165	40.0	17	10	27	n/a	n/a
31-9092	Medical Assistants	125	224	99	79.2	10	3	13	9.06	10
31-9094	Medical Transcriptionists	85	123	38	44.7	4	2	6	11.75	7
31-9095	Pharmacy Aides	35	35	0	0.0	0	1	1	7.54	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Protective Service Occupations

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010			Wage	Training
						Growth	Separations	Total	2001	Req'd~
33-0000	Protective Service Occupations	951	1,361	410	43.1	41	26	67	n/a	n/a
33-1000	Supervisors, Protective Service Workers	87	123	36	41.4	4	2	6	n/a	n/a
33-1010	Supervisors, Law Enforcement Workers	49	57	8	16.3	1	1	2	n/a	n/a
33-1012	Supervisors of Police and Detectives	35	42	7	20.0	1	1	2	17.89	8
33-2000	Fire Fighting and Prevention Workers	65	75	10	15.4	1	2	3	n/a	n/a
33-3000	Law Enforcement Workers	459	558	99	21.6	10	10	20	n/a	n/a
33-3010	Bailiffs, Correctional Officers, and Jailers	248	290	42	16.9	4	6	10	n/a	n/a
33-3012	Correctional Officers and Jailers	237	276	39	16.5	4	6	10	14.82	10
33-3021	Detectives and Criminal Investigators	*	*	*	*	*	*	*	20.07	8
33-3050	Police Officers	182	234	52	28.6	5	4	9	n/a	n/a
33-3051	Police and Sheriff's Patrol Officers	178	231	53	29.8	5	4	9	12.80	9
33-3052	Transit and Railroad Police	*	*	*	*	*	*	*	n/a	9
33-9000	Other Protective Service Workers	340	605	265	77.9	27	12	39	n/a	n/a
33-9032	Security Guards	291	548	257	88.3	26	8	34	6.84	11
33-9099	Protective Service Workers, All Other	38	43	5	13.2	1	3	4	10.28	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Food Preparation & Serving Related Occs.

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change 2000-2010		Job Openings			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Average Annual Growth	2000-2010 Separations	2010 Total		
35-0000 Food Preparation & Serving Related Occupations		4,340	5,303	963	22.2	96	192	288	n/a	n/a
35-1000 Supervisors, Food Prep. & Serving Workers		511	575	64	12.5	6	13	19	n/a	n/a
35-1010	Supervisors, Food Preparation and Serving	511	575	64	12.5	6	13	19	n/a	n/a
35-1011	Chefs and Head Cooks	*	*	*	*	*	*	*	14.15	7
35-1012	Supervisors of Food Preparation and Serving	441	511	70	15.9	7	11	18	9.07	8
35-2000 Cooks and Food Preparation Workers		1,436	1,591	155	10.8	16	44	60	n/a	n/a
35-2010	Cooks	1,169	1,262	93	8.0	9	33	42	n/a	n/a
35-2011	Cooks, Fast Food	469	497	28	6.0	3	13	16	5.97	11
35-2012	Cooks, Institution and Cafeteria	311	292	-19	-6.1	0	9	9	8.11	9
35-2013	Cooks, Private Household	*	*	*	*	*	*	*	n/a	9
35-2014	Cooks, Restaurant	248	326	78	31.5	8	7	15	8.43	9
35-2015	Cooks, Short Order	140	146	6	4.3	1	4	5	6.28	11
35-2021	Food Preparation Workers	267	329	62	23.2	6	10	16	7.66	11
35-3000 Food and Beverage Serving Workers		2,136	2,875	739	34.6	74	126	200	n/a	n/a
35-3011	Bartenders	76	68	-8	-10.5	0	3	3	7.51	11
35-3020	Fast Food and Counter Workers	1,397	1,968	571	40.9	57	86	143	n/a	n/a
35-3021	Combined Food Prep. & Serving Workers	1,359	1,929	570	41.9	57	83	140	6.11	11
35-3022	Counter Attend., Cafeteria, Food Concession	38	39	1	2.6	0	3	3	7.03	11
35-3031	Waiters and Waitresses	635	806	171	26.9	17	36	53	7.07	11
35-3041	Food Servers, Nonrestaurant	*	*	*	*	*	*	*	10.76	11
35-9000 Other Food Prep. & Serving Related Workers		257	262	5	1.9	1	9	10	n/a	n/a
35-9011	Dining Room, Cafeteria Attend. & Bartender Help	52	51	-1	-1.9	0	2	2	6.90	11
35-9021	Dishwashers	126	117	-9	-7.1	0	5	5	7.85	11
35-9031	Hosts, Hostesses, Restaurant, Lounge	78	93	15	19.2	2	2	4	6.85	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Building, Grounds Cleaning & Maintenance Occs.

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010			Wage	Training
						Growth	Separations	Total	2001	Req'd~
37-0000	Building, Grounds Cleaning & Maintenance Occs	2,008	2,378	370	18.4	37	41	78	n/a	n/a
37-1000	Supervisors, Building, Grounds Clean. & Maint.	86	96	10	11.6	1	2	3	n/a	n/a
37-1010	Supervisors, Building and Grounds Cleaning	86	96	10	11.6	1	2	3	n/a	n/a
37-1011	Supervisors of Housekeeping and Janitors	60	74	14	23.3	1	2	3	13.06	8
37-1012	Supervisors of Landscaping, Lawn Service	*	*	*	*	*	*	*	13.36	8
37-2000	Building Cleaning and Pest Control Workers	1,670	2,016	346	20.7	35	33	68	n/a	n/a
37-2010	Building Cleaning Workers	1,669	2,014	345	20.7	35	33	68	n/a	n/a
37-2011	Janitors & Cleaners, Ex. Maids & Housekeeping	933	1,084	151	16.2	15	17	32	8.77	11
37-3000	Grounds Maintenance Workers	223	234	11	4.9	1	6	7	n/a	n/a
37-3010	Grounds Maintenance Workers	223	234	11	4.9	1	6	7	n/a	n/a
37-3011	Landscaping and Groundskeeping Workers	209	225	16	7.7	2	5	7	7.83	11
37-9000	Misc. Building, Grounds Cleaning & Maint. Work	*	*	*	*	*	*	*	n/a	n/a

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Personal Care & Service Occupations

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change 2000-2010		Job Openings Average Annual 2000-2010			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Growth	Separations	Total		
39-0000 Personal Care and Service Occupations		1,856	2,285	429	23.1	43	59	102	n/a	n/a
39-1000 Supervisors, Personal Care & Service Workers		*	*	*	*	*	*	*	n/a	n/a
39-1021 Supervisors of Personal Service Workers		*	*	*	*	*	*	*	15.88	8
39-2000 Animal Care and Service Workers		*	*	*	*	*	*	*	n/a	n/a
39-3000 Entertainment Attendants and Related Workers		56	66	10	17.9	1	3	4	n/a	n/a
39-3090 Misc. Entertainment Attend. & Related Workers		43	56	13	30.2	1	2	3	n/a	n/a
39-3091 Amusement and Recreation Attendants		32	43	11	34.4	1	1	2	6.09	11
39-4000 Funeral Service Workers		37	38	1	2.7	0	1	1	n/a	n/a
39-4021 Funeral Attendants		*	*	*	*	*	*	*	6.81	11
39-5000 Personal Appearance Workers		165	201	36	21.8	4	4	8	n/a	n/a
39-5012 Hairdressers, Hairstylists, and Cosmetologists		147	176	29	19.7	3	4	7	9.89	7
39-5090 Miscellaneous Personal Appearance Workers		*	*	*	*	*	*	*	n/a	n/a
39-6000 Transportation, Tourism & Lodging Attendants		*	*	*	*	*	*	*	n/a	n/a
39-6010 Baggage Porters, Bellhops, and Concierges		*	*	*	*	*	*	*	n/a	n/a
39-9000 Other Personal Care and Service Workers		1,535	1,905	370	24.1	37	50	87	n/a	n/a
39-9011 Child Care Workers		1,371	1,713	342	24.9	34	47	81	7.28	11
39-9030 Recreation and Fitness Workers		90	104	14	15.6	1	2	3	n/a	n/a
39-9032 Recreation Workers		*	*	*	*	*	*	*	9.84	5

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Sales and Related Occupations

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change 2000-2010		Job Openings Average Annual 2000-2010			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Growth	Separations	Total		
41-0000 Sales and Related Occupations		5,908	6,783	875	14.8	88	207	295	n/a	n/a
41-1000 Supervisors, Sales Workers		811	869	58	7.2	6	12	18	n/a	n/a
41-1010	Supervisors, Sales Workers	811	869	58	7.2	6	12	18	n/a	n/a
41-1011	Supervisors of Retail Sales Workers	761	824	63	8.3	6	11	17	11.49	8
41-1012	Supervisors of Non-Retail Sales Workers	50	45	-5	-10.0	0	1	1	25.08	8
41-2000 Retail Sales Workers		4,294	4,838	544	12.7	54	177	231	n/a	n/a
41-2011	Cashiers	1,760	1,995	235	13.4	24	80	104	6.46	11
41-2020	Counter, Rental Clerks and Parts Salespersons	264	275	11	4.2	1	11	12	n/a	n/a
41-2021	Counter and Rental Clerks	188	199	11	5.9	1	9	10	6.39	11
41-2022	Parts Salespersons	76	76	0	0.0	0	2	2	10.26	10
41-2031	Retail Salespersons	2,270	2,568	298	13.1	30	86	116	7.35	11
41-3000 Sales Representatives, Services		184	229	45	24.5	5	4	9	n/a	n/a
41-3011	Advertising Sales Agents	34	41	7	20.6	1	1	2	11.51	10
41-3021	Insurance Sales Agents	84	83	-1	-1.2	0	2	2	15.46	5
41-3031	Securities, Commodities & Financial Serv. Sales	46	79	33	71.7	3	0	3	32.90	5
41-4000 Sales Reps, Wholesale and Manufacturing		258	257	-1	-0.4	0	7	7	n/a	n/a
41-4010	Sales Reps, Wholesale and Manufacturing	258	257	-1	-0.4	0	7	7	n/a	n/a
41-4012	Sales Reps, Wholesale & Manuf., Ex. Technical	233	229	-4	-1.7	0	6	6	17.59	10
41-9000 Other Sales and Related Workers		361	590	229	63.4	23	8	31	n/a	n/a
41-9020	Real Estate Brokers and Sales Agents	*	*	*	*	*	*	*	n/a	n/a
41-9022	Real Estate Sales Agents	*	*	*	*	*	*	*	11.29	7
41-9090	Miscellaneous Sales and Related Workers	114	153	39	34.2	4	3	7	n/a	n/a
41-9099	Sales and Related Workers, All Other	97	137	40	41.2	4	2	6	10.21	10

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Office & Administrative Support Occs.

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total		
43-0000 Office and Administrative Support Occupations		7,627	8,705	1,078	14.1	108	167	275	n/a	n/a
43-1000 Supervisors, Office & Admin. Support Workers		489	550	61	12.5	6	9	15	n/a	n/a
43-1011	Supervisors of Office and Administrative Workers	489	550	61	12.5	6	9	15	15.63	8
43-2000 Communications Equipment Operators		69	62	-7	-10.1	0	2	2	n/a	n/a
43-2011	Switchboard Operators, Inc. Answering Service	66	60	-6	-9.1	0	2	2	8.66	11
43-3000 Financial Clerks		1,341	1,509	168	12.5	17	37	54	n/a	n/a
43-3011	Bill and Account Collectors	55	66	11	20.0	1	1	2	9.11	11
43-3021	Billing, Posting Clerks and Machine Operators	274	329	55	20.1	6	7	13	10.90	11
43-3031	Bookkeeping, Accounting, and Auditing Clerks	619	748	129	20.8	13	12	25	10.40	10
43-3051	Payroll and Timekeeping Clerks	76	75	-1	-1.3	0	2	2	12.46	11
43-3061	Procurement Clerks	*	*	*	*	*	*	*	12.85	11
43-3071	Tellers	301	280	-21	-7.0	0	14	14	8.01	11
43-4000 Information and Record Clerks		1,748	2,518	770	44.1	77	32	109	n/a	n/a
43-4031	Court, Municipal, and License Clerks	36	45	9	25.0	1	1	2	11.62	11
43-4051	Customer Service Representatives	683	1,206	523	76.6	52	6	58	10.57	10
43-4061	Eligibility Interviewers, Government Programs	*	*	*	*	*	*	*	15.55	10
43-4071	File Clerks	69	74	5	7.2	1	2	3	8.22	11
43-4081	Hotel, Motel, and Resort Desk Clerks	95	146	51	53.7	5	4	9	6.30	11
43-4121	Library Assistants, Clerical	53	72	19	35.8	2	2	4	8.55	11
43-4131	Loan Interviewers and Clerks	41	28	-13	-31.7	0	0	0	9.16	11
43-4141	New Accounts Clerks	*	*	*	*	*	*	*	10.35	8
43-4151	Order Clerks	80	64	-16	-20.0	0	2	2	9.92	11
43-4161	Human Res. Assist., Ex. Payroll & Timekeeping	33	35	2	6.1	0	1	1	13.35	11
43-4171	Receptionists and Information Clerks	499	647	148	29.7	15	11	26	8.78	11
43-4999	Financial, Information & Record Clerks, All Other	50	54	4	8.0	0	1	1	13.13	11
43-5000 Material Record, Schedule, Dispatch & Distribute		1,499	1,491	-8	-0.5	0	43	43	n/a	n/a
43-5011	Cargo and Freight Agents	*	*	*	*	*	*	*	13.71	10
43-5021	Couriers and Messengers	60	48	-12	-20.0	0	2	2	8.72	11
43-5030	Dispatchers	125	139	14	11.2	1	2	3	n/a	n/a
43-5031	Police, Fire, and Ambulance Dispatchers	47	57	10	21.3	1	1	2	9.34	10
43-5032	Dispatchers, Except Police, Fire, and Ambulance	78	82	4	5.1	0	1	1	13.11	10
43-5041	Meter Readers, Utilities	32	25	-7	-21.9	0	1	1	10.91	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Office & Administrative Support Occs. (cont'd)

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010			Wage	Training
						Growth	Separations	Total	2001	Req'd~
43-5050	Postal Service Workers	252	228	-24	-9.5	0	7	7	n/a	n/a
43-5051	Postal Service Clerks	48	43	-5	-10.4	0	1	1	17.80	11
43-5052	Postal Service Mail Carriers	176	160	-16	-9.1	0	5	5	17.87	11
43-5053	Postal Service Mail Sorters, Processors	*	*	*	*	*	*	*	9.60	11
43-5061	Production, Planning, and Expediting Clerks	71	60	-11	-15.5	0	1	1	17.35	11
43-5071	Shipping, Receiving, and Traffic Clerks	236	244	8	3.4	1	5	6	11.72	11
43-5081	Stock Clerks and Order Fillers	665	690	25	3.8	3	24	27	9.86	11
43-5111	Weigher, Measurer, Checker, Sampler- Records	41	41	0	0.0	0	1	1	8.79	11
43-5199	Material Record, Schedule, Dispatch & Distribute	*	*	*	*	*	*	*	14.42	11
43-6000	Secretaries and Administrative Assistants	1,465	1,529	64	4.4	6	25	31	n/a	n/a
43-6010	Secretaries and Administrative Assistants	1,465	1,529	64	4.4	6	25	31	n/a	n/a
43-6011	Executive Secretaries & Administrative Assistants	375	389	14	3.7	1	6	7	12.92	10
43-6012	Legal Secretaries	*	*	*	*	*	*	*	11.64	7
43-6013	Medical Secretaries	*	*	*	*	*	*	*	9.11	7
43-6014	Secretaries, Except Legal, Medical, and Executive	868	846	-22	-2.5	0	15	15	9.94	10
43-9000	Other Office & Administrative Support Workers	1,016	1,046	30	3.0	3	19	22	n/a	n/a
43-9011	Computer Operators	*	*	*	*	*	*	*	12.82	10
43-9020	Data Entry and Information Processing Workers	75	80	5	6.7	1	1	2	n/a	n/a
43-9021	Data Entry Keyers	46	51	5	10.9	1	1	2	8.09	10
43-9022	Word Processors and Typists	*	*	*	*	*	*	*	10.98	10
43-9051	Mail Clerk & Mail Machine Ops, Ex. Postal Serv.	*	*	*	*	*	*	*	11.06	11
43-9061	Office Clerks, General	735	791	56	7.6	6	14	20	8.90	11
43-9071	Office Machine Operators, Except Computer	*	*	*	*	*	*	*	9.30	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Farming, Fishing & Forestry Occs.

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
45-0000	Farming, Fishing, and Forestry Occupations	128	137	9	7.0	1	3	4	n/a	n/a
45-1000	Supervisors, Farming, Fishing & Forestry Work.	*	*	*	*	*	*	*	n/a	n/a
45-2000	Agricultural Workers	*	*	*	*	*	*	*	n/a	n/a
45-3000	Fishing and Hunting Workers	58	75	17	29.3	2	2	4	n/a	n/a
45-3010	Fishers and Related Fishing Workers	58	75	17	29.3	2	2	4	n/a	n/a
45-4000	Forest, Conservation, and Logging Workers	48	37	-11	-22.9	0	1	1	n/a	n/a
45-4020	Logging Workers	42	32	-10	-23.8	0	1	1	n/a	n/a
45-4022	Logging Equipment Operators	*	*	*	*	*	*	*	8.59	10
45-9000	Other Farming, Fishing, and Forestry Workers	*	*	*	*	*	*	*	n/a	n/a

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Construction & Extraction Occupations

Occupational Employment Outlook and Job Openings

Occupational Code Title		Employment*		Change 2000-2010		Job Openings Average Annual 2000-2010			Average Wage 2001	Educ/ Training Req'd~
		2000 Estimated	2010 Projected	Number	Percent	Growth	Separations	Total		
47-0000 Construction and Extraction Occupations		2,350	2,228	-122	-5.2	0	47	47	n/a	n/a
47-1000 Supervisors, Construction & Extraction Workers		204	203	-1	-0.5	0	5	5	n/a	n/a
47-1011 Supervisors of Construction Trades & Extraction		204	203	-1	-0.5	0	5	5	23.14	8
47-2000 Construction Trades Workers		1,657	1,517	-140	-8.4	0	27	27	n/a	n/a
47-2020 Brickmasons, Blockmasons, and Stonemasons		*	*	*	*	*	*	*	n/a	n/a
47-2031 Carpenters		395	271	-124	-31.4	0	7	7	12.95	9
47-2051 Cement Masons and Concrete Finishers		33	36	3	9.1	0	0	0	13.17	9
47-2061 Construction Laborers		331	294	-37	-11.2	0	3	3	9.77	10
47-2070 Construction Equipment Operators		202	193	-9	-4.5	0	4	4	n/a	n/a
47-2073 Operating Engineers & Other Const. Equip. Ops		183	172	-11	-6.0	0	4	4	17.38	10
47-2080 Drywall, Ceiling Tile Installers & Tapers		33	47	14	42.4	1	0	1	n/a	n/a
47-2111 Electricians		185	288	103	55.7	10	4	14	17.89	9
47-2140 Painters and Paperhangers		69	73	4	5.8	0	1	1	n/a	n/a
47-2141 Painters, Construction and Maintenance		60	62	2	3.3	0	1	1	12.61	10
47-2150 Pipelayers, Plumbers, Pipefitters & Steamfitters		168	106	-62	-36.9	0	3	3	n/a	n/a
47-2152 Plumbers, Pipefitters, and Steamfitters		155	92	-63	-40.6	0	3	3	19.50	9
47-2211 Sheet Metal Workers		92	81	-11	-12.0	0	2	2	16.14	10
47-3000 Helpers, Construction Trades		115	164	49	42.6	5	6	11	n/a	n/a
47-3010 Helpers, Construction Trades		115	164	49	42.6	5	6	11	n/a	n/a
47-3013 Helpers--Electricians		*	*	*	*	*	*	*	8.54	11
47-3015 Helpers--Pipelayer, Fitter, Plumber & Steamfitter		35	26	-9	-25.7	0	2	2	9.59	11
47-4000 Other Construction and Related Workers		260	271	11	4.2	1	5	6	n/a	n/a
47-5000 Extraction Workers		114	73	-41	-36.0	0	4	4	n/a	n/a
47-5040 Mining Machine Operators		34	21	-13	-38.2	0	1	1	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Installation, Maintenance & Repair Occs.

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual 2000-2010			Wage 2001	Training Req'd~
						Growth	Separations	Total		
49-0000	Installation, Maintenance & Repair Occupations	2,805	3,279	474	16.9	47	61	108	n/a	n/a
49-1000	Supervisors of Installation, Maint. & Repair Work	229	210	-19	-8.3	0	6	6	n/a	n/a
49-1011	Supervisors of Mechanics, Installers	229	210	-19	-8.3	0	6	6	21.72	8
49-2000	Electrical & Electronic Equip. Mechanic, Installer	549	854	305	55.6	31	10	41	n/a	n/a
49-2011	Computer, Auto. Teller & Office Machine Repairer	107	106	-1	-0.9	0	1	1	12.75	7
49-2020	Radio & Telecommunications Equip. Installers	*	*	*	*	*	*	*	n/a	n/a
49-2090	Misc. Electrical and Electronic Equipment Install.	433	741	308	71.1	31	9	40	n/a	n/a
49-3000	Vehicle & Mobile Equip. Mechanics, Installers	699	855	156	22.3	16	19	35	n/a	n/a
49-3020	Automotive Technicians and Repairers	305	448	143	46.9	14	7	21	n/a	n/a
49-3021	Automotive Body and Related Repairers	39	56	17	43.6	2	1	3	15.42	9
49-3023	Automotive Service Technicians and Mechanics	266	392	126	47.4	13	6	19	11.82	7
49-3031	Bus, Truck Mechanics & Diesel Engine Spec.	116	112	-4	-3.4	0	3	3	11.18	7
49-3040	Heavy Vehicle & Mobile Equip. Service Tech.	119	139	20	16.8	2	3	5	n/a	n/a
49-3042	Mobile Heavy Equip. Mechanics, Except Engines	64	87	23	35.9	2	2	4	16.14	7
49-3050	Small Engine Mechanics	51	56	5	9.8	1	1	2	n/a	n/a
49-3051	Motorboat Mechanics	*	*	*	*	*	*	*	8.93	9
49-3053	Outdoor Power Equip., Other Small Engine Mech.	36	38	2	5.6	0	1	1	8.49	10
49-3090	Misc. Vehicle and Mobile Equipment Mechanics	100	92	-8	-8.0	0	4	4	n/a	n/a
49-3093	Tire Repairers and Changers	80	73	-7	-8.8	0	3	3	7.06	11
49-9000	Other Installation, Maintenance & Repair Occs	1,328	1,360	32	2.4	3	26	29	n/a	n/a
49-9021	Heating, Air Conditioning & Refrigeration Mech.	128	122	-6	-4.7	0	1	1	11.59	9
49-9031	Home Appliance Repairers	*	*	*	*	*	*	*	11.90	9
49-9040	Industrial Machinery Installation, Repair & Maint.	852	748	-104	-12.2	0	15	15	n/a	n/a
49-9042	Maintenance and Repair Workers, General	586	551	-35	-6.0	0	8	8	13.78	9
49-9043	Maintenance Workers, Machinery	58	67	9	15.5	1	2	3	14.38	9
49-9050	Line Installers and Repairers	67	115	48	71.6	5	2	7	n/a	n/a
49-9090	Misc. Installation, Maintenance & Repair Workers	234	332	98	41.9	10	7	17	n/a	n/a
49-9095	Manufactured Building & Mobile Home Installers	*	*	*	*	*	*	*	9.79	10
49-9097	Signal and Track Switch Repairers	35	23	-12	-34.3	0	1	1	n/a	9
49-9098	Helpers--Installation, Maint. & Repair Workers	78	59	-19	-24.4	0	4	4	12.56	11
49-9099	Installation, Maint. & Repair Workers, All Other	68	194	126	185.3	13	1	14	19.13	9

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Production Occupations

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average Wage 2001	Educ/ Training Req'd~
		2000	2010	2000-2010	Average Annual 2000-2010					
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total		
51-0000	Production Occupations	4,269	3,544	-725	-17.0	0	104	104	n/a	n/a
51-1000	Supervisors, Production Workers	456	307	-149	-32.7	0	12	12	n/a	n/a
51-1011	Supervisors of Production and Operating	456	307	-149	-32.7	0	12	12	27.97	8
51-2000	Assemblers and Fabricators	414	431	17	4.1	2	8	10	n/a	n/a
51-2020	Electrical, Electronics & Electromech. Assemb.	*	*	*	*	*	*	*	n/a	n/a
51-2090	Miscellaneous Assemblers and Fabricators	360	394	34	9.4	3	6	9	n/a	n/a
51-3000	Food Processing Workers	108	115	7	6.5	1	2	3	n/a	n/a
51-3011	Bakers	*	*	*	*	*	*	*	8.29	9
51-3021	Butchers and Meat Cutters	55	49	-6	-10.9	0	1	1	10.84	9
51-3090	Miscellaneous Food Processing Workers	*	*	*	*	*	*	*	n/a	n/a
51-4000	Metal Workers and Plastic Workers	1,109	868	-241	-21.7	0	29	29	n/a	n/a
51-4020	Forming Machine Setter, Operator, and Tender	54	47	-7	-13.0	0	2	2	n/a	n/a
51-4030	Machine Tool Cutting Setter, Operator & Tender	216	123	-93	-43.1	0	5	5	n/a	n/a
51-4031	Cutting, Punching & Press Machine Setters	114	67	-47	-41.2	0	2	2	13.64	10
51-4032	Drilling & Boring Machine Tool Setter, Operator	*	*	*	*	*	*	*	16.59	10
51-4033	Grinding, Lapping, Polishing, Buffing Mach Setter	*	*	*	*	*	*	*	12.21	10
51-4041	Machinists	213	168	-45	-21.1	0	4	4	19.13	9
51-4050	Metal Furnace and Kiln Operators and Tenders	127	70	-57	-44.9	0	4	4	n/a	n/a
51-4120	Welding, Soldering, and Brazing Workers	226	239	13	5.8	1	6	7	n/a	n/a
51-4121	Welders, Cutters, Solderers, and Brazers	213	231	18	8.5	2	6	8	14.46	7
51-4190	Miscellaneous Metalworkers & Plastic Workers	120	91	-29	-24.2	0	3	3	n/a	n/a
51-4191	Heat Treating Equip. Setter, Operator & Tender	*	*	*	*	*	*	*	13.50	10
51-5000	Printing Workers	113	88	-25	-22.1	0	3	3	n/a	n/a
51-5010	Bookbinders and Bindery Workers	32	22	-10	-31.3	0	1	1	n/a	n/a
51-5012	Bookbinders	*	*	*	*	*	*	*	n/a	n/a
51-5020	Printers	73	61	-12	-16.4	0	2	2	n/a	n/a
51-5099	Printing Workers, All Other	*	*	*	*	*	*	*	n/a	n/a
51-6000	Textile, Apparel, and Furnishings Workers	399	311	-88	-22.1	0	6	6	n/a	n/a
51-6011	Laundry and Dry-Cleaning Workers	63	68	5	7.9	1	2	3	8.87	10
51-6021	Pressers, Textile, Garment & Related Materials	52	41	-11	-21.2	0	1	1	8.17	11
51-6031	Sewing Machine Operators	230	155	-75	-32.6	0	3	3	8.47	10
51-6090	Misc. Textile, Apparel & Furnishings Workers	*	*	*	*	*	*	*	n/a	n/a
51-7000	Woodworkers	97	132	35	36.1	4	4	8	n/a	n/a
51-7040	Woodworking Machine Setter, Operator & Tender	47	55	8	17.0	1	2	3	n/a	n/a

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Production Occupations (cont'd)

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000	2010	2000-2010		Average Annual 2000-2010			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2001	Req'd~
51-8000	Plant and System Operators	677	514	-163	-24.1	0	21	21	n/a	n/a
51-8010	Power Plant Operator, Distributor & Dispatcher	*	*	*	*	*	*	*	n/a	n/a
51-8031	Water, Liquid Waste Treat. Plant & System Ops	112	160	48	42.9	5	4	9	12.83	9
51-8090	Miscellaneous Plant and System Operators	513	318	-195	-38.0	0	16	16	n/a	n/a
51-8091	Chemical Plant and System Operators	*	*	*	*	*	*	*	20.49	9
51-8092	Gas Plant Operators	42	43	1	2.4	0	1	1	17.94	9
51-9000	Other Production Occupations	896	778	-118	-13.2	0	20	20	n/a	n/a
51-9023	Mixing, Blending Machine Setter, Operator	*	*	*	*	*	*	*	11.00	10
51-9030	Cutting Workers	79	75	-4	-5.1	0	1	1	n/a	n/a
51-9061	Inspector, Tester, Sorter, Sampler & Weigher	266	185	-81	-30.5	0	6	6	13.47	10
51-9130	Photo. Process Worker & Processing Mach. Ops	34	42	8	23.5	1	1	2	n/a	n/a
51-9190	Miscellaneous Production Workers	268	239	-29	-10.8	0	6	6	n/a	n/a

~ Education/Training Required Codes- Page 33 n/a - Not Available * Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

FIVCO Area

Transportation & Material Moving Occs.

Occupational Employment Outlook and Job Openings

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2000 Estimated	2010 Projected	2000-2010 Number	2000-2010 Percent	Average Annual Growth	2000-2010 Separations	2000-2010 Total	Wage 2001	Training Req'd~
53-0000 Transportation and Material Moving Occupations		4,239	4,196	-43	-1.0	0	115	115	n/a	n/a
53-1000 Supervisors, Transp. & Material Moving Workers		176	200	24	13.6	2	4	6	n/a	n/a
53-1021	Supervisors of Helpers, Laborers	49	61	12	24.5	1	1	2	16.08	8
53-1031	Supervisors of Transportation & Material Moving	127	139	12	9.4	1	3	4	20.02	8
53-2000 Air Transportation Workers		*	*	*	*	*	*	*	n/a	n/a
53-3000 Motor Vehicle Operators		1,487	1,585	98	6.6	10	24	34	n/a	n/a
53-3020	Bus Drivers	321	310	-11	-3.4	0	8	8	n/a	n/a
53-3022	Bus Drivers, School	263	248	-15	-5.7	0	7	7	11.35	11
53-3030	Driver/Sales Workers and Truck Drivers	1,003	1,080	77	7.7	8	14	22	n/a	n/a
53-3031	Driver/Sales Workers	114	130	16	14.0	2	2	4	12.23	11
53-3032	Truck Drivers, Heavy and Tractor-Trailer	565	606	41	7.3	4	8	12	12.57	10
53-3033	Truck Drivers, Light or Delivery Services	324	344	20	6.2	2	5	7	10.49	11
53-3041	Taxi Drivers and Chauffeurs	*	*	*	*	*	*	*	6.51	11
53-4000 Rail Transportation Workers		435	315	-120	-27.6	0	19	19	n/a	n/a
53-4010	Locomotive Engineers and Operators	179	162	-17	-9.5	0	8	8	n/a	n/a
53-4011	Locomotive Engineers	168	156	-12	-7.1	0	8	8	n/a	11
53-4012	Locomotive Firers	*	*	*	*	*	*	*	n/a	10
53-4031	Railroad Conductors and Yardmasters	162	119	-43	-26.5	0	7	7	n/a	8
53-4041	Subway and Streetcar Operators	*	*	*	*	*	*	*	n/a	11
53-4099	Rail Transportation Workers, All Other	*	*	*	*	*	*	*	n/a	11
53-5000 Water Transportation Workers		140	130	-10	-7.1	0	5	5	n/a	n/a
53-6000 Other Transportation Workers		213	183	-30	-14.1	0	9	9	n/a	n/a
53-6011	Bridge and Lock Tenders	*	*	*	*	*	*	*	19.06	n/a
53-6031	Service Station Attendants	127	115	-12	-9.4	0	7	7	7.29	11
53-6090	Miscellaneous Transportation Workers	43	38	-5	-11.6	0	2	2	n/a	n/a
53-7000 Material Moving Workers		1,772	1,768	-4	-0.2	0	54	54	n/a	n/a
53-7011	Conveyor Operators and Tenders	135	119	-16	-11.9	0	4	4	14.72	11
53-7051	Industrial Truck and Tractor Operators	138	124	-14	-10.1	0	2	2	10.36	11
53-7060	Laborers and Material Movers, Hand	979	1,041	62	6.3	6	32	38	n/a	n/a
53-7061	Cleaners of Vehicles and Equipment	137	180	43	31.4	4	5	9	9.19	11
53-7062	Laborers & Freight, Stock & Material Mover, Hand	612	610	-2	-0.3	0	21	21	9.78	11
53-7064	Packers and Packagers, Hand	219	241	22	10.0	2	6	8	7.52	11

~ Education/Training Required Codes- Page 33

n/a - Not Available

* Employment under 30 and unreliable data suppressed

Source: Kentucky Education Cabinet, Department for Employment Services, Research and Statistics Branch

Educational Classifications

Occupations are classified into one of eleven categories listed according to these principles:

- An occupation is placed into the category that best describes the education or training needed by most workers to become fully qualified.
- Postsecondary awards, if generally needed for entry into the occupation, take precedence over work-related training even though additional skills or experience may be needed for a worker to become fully qualified.
- The length of time an average worker generally needs to become fully qualified through a combination of on-the-job training and experience is used to categorize occupations in which a post secondary award generally is needed for entry.

Postsecondary awards

(1) *First professional degree.* Completion of the degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree.

(2) *Doctoral degree.* Completion of a Ph.D. or other doctoral degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree.

(3) *Master's degree.* Completion of the degree usually requires 1 or 2 years of full time academic study beyond a bachelor's degree.

(4) *Bachelor's degree.* Completion of the degree generally requires at least 4 years, but not more than 5 years, of full-time academic study.

(5) *Bachelor's or higher degree, plus work experience.* Most occupations in this category are management occupations. All require experience in a related non-management position for which a bachelor's or higher degree is usually required.

(6) *Associate degree.* Completion of the degree usually requires at least 2 years of full-time academic study.

(7) *Postsecondary vocational awards.* Some programs last only a few weeks while others may last more than a year. Programs lead to a certificate or other award, but not a degree.

Work-related training

(8) *Work experience in a related occupation.* Many occupations requiring work experience are first-line supervisors/managers of service, sales and related, production, or other occupations, or are management occupations.

(9) *Long-term on-the-job training.* More than 12 months on on-the-job training or combined work experience and formal classroom instruction are needed for workers to develop the skills necessary to be fully qualified. This category includes formal and informal apprenticeships that may last up to 5 years. Long-term on-the-job training also includes intensive occupation-specific, employer-sponsored programs that workers must successfully complete. These include fire and police academies and schools for air traffic controllers and flight attendants. In other occupations—insurance sales and securities sales, for example—trainees take formal courses, often provided on the job site, to prepare for the required licensing exams. Individuals undergoing training generally are considered to be employed in the occupation. Also included in this category is the development of a natural ability—such as that possessed by musicians, athletes, actors, and other entertainers—that must be cultivated over several years, frequently in a nonwork setting.

(10) *Moderate-term on-the-job training.* Skills needed to be fully qualified can be acquired during 1 to 12 months of combined on-the-job experience and informal training.

(11) *Short-term on-the-job training.* Skills needed to be fully qualified can be acquired during a short demonstration of job duties or during 1 month or less of on-the-job experience or instruction.

Occupational Title	SOC Code	Page Number
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Accountants and Auditors	13-2011	10
Administrative Services Managers	11-3011	9
Advertising and Promotions Managers	11-2011	9
Advertising Sales Agents	41-3011	24
Advertising, Marketing, Promotions, PR & Sales	11-2000	9
Agricultural Managers	11-9010	9
Agricultural Workers	45-2000	27
Air Transportation Workers	53-2000	32
Amusement and Recreation Attendants	39-3091	23
Animal Care and Service Workers	39-2000	23
Architects, Surveyors, and Cartographers	17-1000	12
Art and Design Workers	27-1000	17
Arts, Comm. & Humanities Teachers, Postsec.	25-1120	16
Assemblers and Fabricators	51-2000	30
Audiologists	29-1121	18
Automotive Body and Related Repairers	49-3021	29
Automotive Service Technicians and Mechanics	49-3023	29
Automotive Technicians and Repairers	49-3020	29

--- B ---

Baggage Porters, Bellhops, and Concierges	39-6010	23
Bailiffs, Correctional Officers, and Jailers	33-3010	20
Bakers	51-3011	30
Bartenders	35-3011	21
Bill and Account Collectors	43-3011	25
Billing, Posting Clerks and Machine Operators	43-3021	25
Bookbinders	51-5012	30
Bookbinders and Bindery Workers	51-5010	30
Bookkeeping, Accounting, and Auditing Clerks	43-3031	25
Brickmasons, Blockmasons, and Stonemasons	47-2020	28
Bridge and Lock Tenders	53-6011	32
Broadcast Technicians	27-4012	17
Building Cleaning and Pest Control Workers	37-2000	22
Building Cleaning Workers	37-2010	22
Bus Drivers	53-3020	32

Occupational Title	SOC Code	Page Number
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Bus Drivers, School	53-3022	32
Bus, Truck Mechanics & Diesel Engine Spec.	49-3031	29
Business Operations Specialists	13-1000	10
Business Operations Specialists, All Other	13-1199	10
Butchers and Meat Cutters	51-3021	30
Buyers and Purchasing Agents	13-1020	10

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Cargo and Freight Agents	43-5011	25
Carpenters	47-2031	28
Cashiers	41-2011	24
Cement Masons and Concrete Finishers	47-2051	28
Chefs and Head Cooks	35-1011	21
Chemical Engineers	17-2041	12
Chemical Plant and System Operators	51-8091	31
Chemical Technicians	19-4031	13
Chief Executives	11-1011	9
Child Care Workers	39-9011	23
Child, Family, and School Social Workers	21-1021	14
Chiropractors	29-1011	18
Civil Engineering Technicians	17-3022	12
Civil Engineers	17-2051	12
Cleaners of Vehicles and Equipment	53-7061	32
Clergy	21-2011	14
Clinical Laboratory Technologists & Technicians	29-2010	18
Combined Food Prep. & Serving Workers	35-3021	21
Communications Equipment Operators	43-2000	25
Compliance Officer, Ex. Ag., Construction, Health	13-1041	10
Computer and Information Systems Managers	11-3021	9
Computer Operators	43-9011	26
Computer Programmers	15-1021	11
Computer Specialists	15-1000	11
Computer Specialists, All Other	15-1099	11
Computer Support Specialists	15-1041	11
Computer Systems Analysts	15-1051	11
Computer, Auto. Teller & Office Machine Repairer	49-2011	29
Conservation Scientists	19-1031	13
Conservation Scientists and Foresters	19-1030	13

Occupational Title	SOC Code	Page Number
Construction Equipment Operators	47-2070	28
Construction Laborers	47-2061	28
Construction Managers	11-9021	9
Construction Trades Workers	47-2000	28
Conveyor Operators and Tenders	53-7011	32
Cooks	35-2010	21
Cooks and Food Preparation Workers	35-2000	21
Cooks, Fast Food	35-2011	21
Cooks, Institution and Cafeteria	35-2012	21
Cooks, Private Household	35-2013	21
Cooks, Restaurant	35-2014	21
Cooks, Short Order	35-2015	21
Correctional Officers and Jailers	33-3012	20
Cost Estimators	13-1051	10
Couns., Social Workers & Other Community	21-1000	14
Counselors	21-1010	14
Counter and Rental Clerks	41-2021	24
Counter Attend., Cafeteria, Food Concession	35-3022	21
Counter, Rental Clerks and Parts Salespersons	41-2020	24
Couriers and Messengers	43-5021	25
Court, Municipal, and License Clerks	43-4031	25
Customer Service Representatives	43-4051	25
Cutting Workers	51-9030	31
Cutting, Punching & Press Machine Setters	51-4031	30

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Data Entry and Information Processing Workers	43-9020	26
Data Entry Keyers	43-9021	26
Database Administrators	15-1061	11
Dental Hygienists	29-2021	18
Dentists	29-1020	18
Designers	27-1020	17
Detectives and Criminal Investigators	33-3021	20
Diagnostic Related Technologists & Technicians	29-2030	18
Dietitians and Nutritionists	29-1031	18
Dining Room, Cafeteria Attend. & Bartender Help	35-9011	21
Dishwashers	35-9021	21

Occupational Title	SOC Code	Page Number
Dispatchers	43-5030	25
Dispatchers, Except Police, Fire, and Ambulance	43-5032	25
Drafters	17-3010	12
Drafters, Engineering & Mapping Tech., All Other	17-3099	12
Drafters, Engineering, and Mapping Technicians	17-3000	12
Drilling & Boring Machine Tool Setter, Operator	51-4032	30
Driver/Sales Workers	53-3031	32
Driver/Sales Workers and Truck Drivers	53-3030	32
Drywall, Ceiling Tile Installers & Tapers	47-2080	28

--- E ---

Editors	27-3041	17
Education Admin., Elementary & Secondary	11-9032	9
Education Admin., Preschool, Child Care Center	11-9031	9
Education Administrators	11-9030	9
Educational, Vocational, and School Counselors	21-1012	14
Electrical & Electronic Engineering Technicians	17-3023	12
Electrical & Electronic Equip. Mechanic, Installer	49-2000	29
Electrical and Electronics Engineers	17-2070	12
Electrical Engineers	17-2071	12
Electrical, Electronics & Electromech. Assemb.	51-2020	30
Electricians	47-2111	28
Elementary and Middle School Teachers	25-2020	16
Elementary School Teachers, Ex. Special Ed.	25-2021	16
Eligibility Interviewers, Government Programs	43-4061	25
Emergency Medical Technicians & Paramedics	29-2041	18
Employment, Recruitment & Placement Spec.	13-1071	10
Engineering Managers	11-9041	9
Engineering Technicians, Except Drafters	17-3020	12
Engineers	17-2000	12
Entertainers, Performers, Sports & Related	27-2000	17
Entertainment Attendants and Related Workers	39-3000	23
Environmental Engineering Technicians	17-3025	12
Environmental Engineers	17-2081	12
Executive Secretaries & Administrative Assistants	43-6011	26
Extraction Workers	47-5000	28

Occupational Title	SOC Code	Page Number
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Family and General Practitioners	29-1062	18
Farmers and Ranchers	11-9012	9
Fast Food and Counter Workers	35-3020	21
File Clerks	43-4071	25
Financial Analysts	13-2051	10
Financial Analysts and Advisors	13-2050	10
Financial Clerks	43-3000	25
Financial Managers	11-3031	9
Financial Specialists	13-2000	10
Financial, Information & Record Clerks, All Other	43-4999	25
Fire Fighting and Prevention Workers	33-2000	20
Fishers and Related Fishing Workers	45-3010	27
Fishing and Hunting Workers	45-3000	27
Floral Designers	27-1023	17
Food and Beverage Serving Workers	35-3000	21
Food Preparation Workers	35-2021	21
Food Processing Workers	51-3000	30
Food Servers, Nonrestaurant	35-3041	21
Food Service Managers	11-9051	9
Forest, Conservation, and Logging Workers	45-4000	27
Forming Machine Setter, Operator, and Tender	51-4020	30
Funeral Attendants	39-4021	23
Funeral Directors	11-9061	9
Funeral Service Workers	39-4000	23

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Gas Plant Operators	51-8092	31
General and Operations Managers	11-1021	9
Graphic Designers	27-1024	17
Grinding, Lapping, Polishing, Buffing Mach Setter	51-4033	30
Grounds Maintenance Workers	37-3000	22
Grounds Maintenance Workers	37-3010	22

Occupational Title	SOC Code	Page Number
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Hairdressers, Hairstylists, and Cosmetologists	39-5012	23
Health & Safety Engineers, Ex. Mining Safety Eng.	17-2111	12
Health Diagnosing and Treating Practitioners	29-1000	18
Health Diagnosing, Treating Pract. Support Tech	29-2050	18
Health Technologists and Technicians	29-2000	18
Heat Treating Equip. Setter, Operator & Tender	51-4191	30
Heating, Air Conditioning & Refrigeration Mech.	49-9021	29
Heavy Vehicle & Mobile Equip. Service Tech.	49-3040	29
Helpers, Construction Trades	47-3000	28
Helpers, Construction Trades	47-3010	28
Helpers--Electricians	47-3013	28
Helpers--Installation, Maint. & Repair Workers	49-9098	29
Helpers--Pipelayer, Fitter, Plumber & Steamfitter	47-3015	28
Home Appliance Repairers	49-9031	29
Home Health Aides	31-1011	19
Hosts, Hostesses, Restaurant, Lounge	35-9031	21
Hotel, Motel, and Resort Desk Clerks	43-4081	25
Human Res. Assist., Ex. Payroll & Timekeeping	43-4161	25
Human Res., Training & Labor Relations Spec	13-1070	10
Human Resources Managers	11-3040	9

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Industrial Engineers	17-2112	12
Industrial Engineers, Including Health & Safety	17-2110	12
Industrial Machinery Installation, Repair & Maint.	49-9040	29
Industrial Production Managers	11-3051	9
Industrial Truck and Tractor Operators	53-7051	32
Information and Record Clerks	43-4000	25
Inspector, Tester, Sorter, Sampler & Weigher	51-9061	31
Installation, Maint. & Repair Workers, All Other	49-9099	29
Instructional Coordinators	25-9031	16
Insurance Sales Agents	41-3021	24
Internists, General	29-1063	18

Occupational Title	SOC Code	Page Number
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--- J ---

Janitors & Cleaners, Ex. Maids & Housekeeping	37-2011	22
Judges, Magistrates, and Other Judicial Workers	23-1020	15

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Kindergarten Teachers, Ex. Special Education	25-2012	16
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Laborers & Freight, Stock & Material Mover, Hand	53-7062	32
Laborers and Material Movers, Hand	53-7060	32
Landscaping and Groundskeeping Workers	37-3011	22
Laundry and Dry-Cleaning Workers	51-6011	30
Law Enforcement Workers	33-3000	20
Lawyers	23-1011	15
Lawyers, Judges, and Related Workers	23-1000	15
Legal and Related Workers, All Other	23-9099	15
Legal Secretaries	43-6012	26
Legal Support Workers	23-2000	15
Librarians	25-4021	16
Librarians, Curators, and Archivists	25-4000	16
Library Assistants, Clerical	43-4121	25
Library Technicians	25-4031	16
Licensed Practical & Licensed Vocational Nurse	29-2061	18
Life Scientists	19-1000	13
Life Scientists, All Other	19-1099	13
Life, Physical, and Social Science Technicians	19-4000	13
Line Installers and Repairers	49-9050	29
Loan Interviewers and Clerks	43-4131	25
Loan Officers	13-2072	10
Locomotive Engineers	53-4011	32
Locomotive Engineers and Operators	53-4010	32
Locomotive Firers	53-4012	32

Occupational Title	SOC Code	Page Number
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Lodging Managers	11-9081	9
Logging Equipment Operators	45-4022	27
Logging Workers	45-4020	27

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Machine Tool Cutting Setter, Operator & Tender	51-4030	30
Machinists	51-4041	30
Mail Clerk & Mail Machine Ops, Ex. Postal Serv.	43-9051	26
Maintenance and Repair Workers, General	49-9042	29
Maintenance Workers, Machinery	49-9043	29
Management Analysts	13-1111	10
Managers, All Other	11-9199	9
Manufactured Building & Mobile Home Installers	49-9095	29
Marketing and Sales Managers	11-2020	9
Marketing Managers	11-2021	9
Material Moving Workers	53-7000	32
Material Record, Schedule, Dispatch & Distribute	43-5000	25
Material Record, Schedule, Dispatch & Distribute	43-5199	26
Mathematical Scientists	15-2000	11
Mechanical Engineers	17-2141	12
Media and Communication Equipment Workers	27-4000	17
Media and Communication Workers	27-3000	17
Medical and Clinical Laboratory Technicians	29-2012	18
Medical and Health Services Managers	11-9111	9
Medical and Public Health Social Workers	21-1022	14
Medical Assistants	31-9092	19
Medical Secretaries	43-6013	26
Medical Transcriptionists	31-9094	19
Merchandise Displayers and Window Trimmers	27-1026	17
Metal Furnace and Kiln Operators and Tenders	51-4050	30
Metal Workers and Plastic Workers	51-4000	30
Meter Readers, Utilities	43-5041	25
Middle School Teachers, Ex. Special & Voc. Ed	25-2022	16
Mining & Geological Engineers, Inc. Mining Safety	17-2151	12
Mining Machine Operators	47-5040	28
Misc. Building, Grounds Cleaning & Maint. Work	37-9000	22

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Misc. Community & Social Service Specialists	21-1090	14
Misc. Counselors, Social, & Religious Workers	21-9000	14
Misc. Electrical and Electronic Equipment Install.	49-2090	29
Misc. Entertainment Attend. & Related Workers	39-3090	23
Misc. Installation, Maintenance & Repair Workers	49-9090	29
Misc. Life, Physical & Social Science Technicians	19-4090	13
Misc. Textile, Apparel & Furnishings Workers	51-6090	30
Misc. Vehicle and Mobile Equipment Mechanics	49-3090	29
Miscellaneous Assemblers and Fabricators	51-2090	30
Miscellaneous Food Processing Workers	51-3090	30
Miscellaneous Healthcare Support Occupations	31-9090	19
Miscellaneous Legal & Related Workers	23-9000	15
Miscellaneous Media & Communication Workers	27-3090	17
Miscellaneous Metalworkers & Plastic Workers	51-4190	30
Miscellaneous Personal Appearance Workers	39-5090	23
Miscellaneous Plant and System Operators	51-8090	31
Miscellaneous Postsecondary Teachers	25-1190	16
Miscellaneous Production Workers	51-9190	31
Miscellaneous Sales and Related Workers	41-9090	24
Miscellaneous Transportation Workers	53-6090	32
Mixing, Blending Machine Setter, Operator	51-9023	31
Mobile Heavy Equip. Mechanics, Except Engines	49-3042	29
Motor Vehicle Operators	53-3000	32
Motorboat Mechanics	49-3051	29
Music Directors and Composers	27-2041	17
Musicians, Singers, and Related Workers	27-2040	17

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Natural Sciences Managers	11-9121	9
Network and Computer Systems Administrators	15-1071	11
New Accounts Clerks	43-4141	25
Nursing Aides, Orderlies, and Attendants	31-1012	19
Nursing, Psychiatric, and Home Health Aides	31-1000	19
Nursing, Psychiatric, and Home Health Aides	31-1010	19

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Occupational Health, Safety Specialists & Tech.	29-9010	18
Occupational Therapist Assistants	31-2011	19
Occupational Therapist Assistants and Aides	31-2010	19
Occupational Therapists	29-1122	18
Occupational, Physical Therapist Assist. & Aides	31-2000	19
Office Clerks, General	43-9061	26
Office Machine Operators, Except Computer	43-9071	26
Operating Engineers & Other Const. Equip. Ops	47-2073	28
Operations Specialties Managers	11-3000	9
Order Clerks	43-4151	25
Other Construction and Related Workers	47-4000	28
Other Education, Training & Library Occupations	25-9000	16
Other Farming, Fishing, and Forestry Workers	45-9000	27
Other Food Prep. & Serving Related Workers	35-9000	21
Other Healthcare Pract. & Technical Occs	29-9000	18
Other Healthcare Support Occupations	31-9000	19
Other Installation, Maintenance & Repair Occs	49-9000	29
Other Management Occupations	11-9000	9
Other Office & Administrative Support Workers	43-9000	26
Other Personal Care and Service Workers	39-9000	23
Other Production Occupations	51-9000	31
Other Protective Service Workers	33-9000	20
Other Sales and Related Workers	41-9000	24
Other Teachers and Instructors	25-3000	16
Other Transportation Workers	53-6000	32
Outdoor Power Equip., Other Small Engine Mech.	49-3053	29

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Packers and Packagers, Hand	53-7064	32
Painters and Paperhangers	47-2140	28
Painters, Construction and Maintenance	47-2141	28

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Paralegals and Legal Assistants	23-2011	15
Parts Salespersons	41-2022	24
Payroll and Timekeeping Clerks	43-3051	25
Personal Appearance Workers	39-5000	23
Pharmacists	29-1051	18
Pharmacy Aides	31-9095	19
Pharmacy Technicians	29-2052	18
Photo. Process Worker & Processing Mach. Ops	51-9130	31
Physical Scientists	19-2000	13
Physical Therapist Aides	31-2022	19
Physical Therapist Assistants	31-2021	19
Physical Therapist Assistants and Aides	31-2020	19
Physical Therapists	29-1123	18
Physician Assistants	29-1071	18
Physicians and Surgeons	29-1060	18
Pipelayers, Plumbers, Pipefitters & Steamfitters	47-2150	28
Plant and System Operators	51-8000	31
Plumbers, Pipefitters, and Steamfitters	47-2152	28
Police and Sheriff's Patrol Officers	33-3051	20
Police Officers	33-3050	20
Police, Fire, and Ambulance Dispatchers	43-5031	25
Postal Service Clerks	43-5051	26
Postal Service Mail Carriers	43-5052	26
Postal Service Mail Sorters, Processors	43-5053	26
Postal Service Workers	43-5050	26
Postmasters and Mail Superintendents	11-9131	9
Postsecondary Teachers	25-1000	16
Power Plant Operator, Distributor & Dispatcher	51-8010	31
Preschool and Kindergarten Teachers	25-2010	16
Preschool Teachers, Except Special Education	25-2011	16
Pressers, Textile, Garment & Related Materials	51-6021	30
Primary, Secondary & Special Ed. School Teach.	25-2000	16
Printers	51-5020	30
Printing Workers	51-5000	30
Printing Workers, All Other	51-5099	30
Procurement Clerks	43-3061	25
Production, Planning, and Expediting Clerks	43-5061	26
Property, Real Estate, Community Assn Manager	11-9141	9
Protective Service Workers, All Other	33-9099	20

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Public Relations Specialists	27-3031	17
Purchasing Agents, Ex. Wholesale, Retail & Farm	13-1023	10
Purchasing Managers	11-3061	9

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Radio & Telecommunications Equip. Installers	49-2020	29
Radiologic Technologists and Technicians	29-2034	18
Rail Transportation Workers	53-4000	32
Rail Transportation Workers, All Other	53-4099	32
Railroad Conductors and Yardmasters	53-4031	32
Real Estate Brokers and Sales Agents	41-9020	24
Real Estate Sales Agents	41-9022	24
Receptionists and Information Clerks	43-4171	25
Recreation and Fitness Workers	39-9030	23
Recreation Workers	39-9032	23
Recreational Therapists	29-1125	18
Registered Nurses	29-1111	18
Rehabilitation Counselors	21-1015	14
Religious Workers	21-2000	14
Respiratory Therapists	29-1126	18
Retail Sales Workers	41-2000	24
Retail Salespersons	41-2031	24

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Sales and Related Workers, All Other	41-9099	24
Sales Managers	11-2022	9
Sales Representatives, Services	41-3000	24
Sales Reps, Wholesale & Manuf., Ex. Technical	41-4012	24
Sales Reps, Wholesale and Manufacturing	41-4000	24
Sales Reps, Wholesale and Manufacturing	41-4010	24
Secondary School Teach., Ex. Special & Voc Ed	25-2031	16
Secondary School Teachers	25-2030	16
Secretaries and Administrative Assistants	43-6000	26
Secretaries and Administrative Assistants	43-6010	26
Secretaries, Except Legal, Medical, and Executive	43-6014	26

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Securities, Commodities & Financial Serv. Sales	41-3031	24
Security Guards	33-9032	20
Service Station Attendants	53-6031	32
Sewing Machine Operators	51-6031	30
Sheet Metal Workers	47-2211	28
Shipping, Receiving, and Traffic Clerks	43-5071	26
Signal and Track Switch Repairers	49-9097	29
Small Engine Mechanics	49-3050	29
Social and Community Service Managers	11-9151	9
Social and Human Service Assistants	21-1093	14
Social Scientists and Related Workers	19-3000	13
Social Workers	21-1020	14
Special Ed. Teachers, Preschool to Elem	25-2041	16
Special Education Teachers	25-2040	16
Special Education Teachers, Middle School	25-2042	16
Special Education Teachers, Secondary School	25-2043	16
Speech-Language Pathologists	29-1127	18
Stock Clerks and Order Fillers	43-5081	26
Subway and Streetcar Operators	53-4041	32
Supervisors of Construction Trades & Extraction	47-1011	28
Supervisors of Food Preparation and Serving	35-1012	21
Supervisors of Helpers, Laborers	53-1021	32
Supervisors of Housekeeping and Janitors	37-1011	22
Supervisors of Installation, Maint. & Repair Work	49-1000	29
Supervisors of Landscaping, Lawn Service	37-1012	22
Supervisors of Mechanics, Installers	49-1011	29
Supervisors of Non-Retail Sales Workers	41-1012	24
Supervisors of Office and Administrative Workers	43-1011	25
Supervisors of Personal Service Workers	39-1021	23
Supervisors of Police and Detectives	33-1012	20
Supervisors of Production and Operating	51-1011	30
Supervisors of Retail Sales Workers	41-1011	24
Supervisors of Transportation & Material Moving	53-1031	32
Supervisors, Building and Grounds Cleaning	37-1010	22
Supervisors, Building, Grounds Cleaning & Maint.	37-1000	22
Supervisors, Construction & Extraction Workers	47-1000	28
Supervisors, Farming, Fishing & Forestry Work.	45-1000	27
Supervisors, Food Prep. & Serving Workers	35-1000	21

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Supervisors, Food Preparation and Serving	35-1010	21
Supervisors, Law Enforcement Workers	33-1010	20
Supervisors, Office & Admin. Support Workers	43-1000	25
Supervisors, Personal Care & Service Workers	39-1000	23
Supervisors, Production Workers	51-1000	30
Supervisors, Protective Service Workers	33-1000	20
Supervisors, Sales Workers	41-1000	24
Supervisors, Sales Workers	41-1010	24
Supervisors, Transp. & Material Moving Workers	53-1000	32
Surveyors	17-1022	12
Switchboard Operators, Inc. Answering Service	43-2011	25

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Tax Examiners, Collectors, Preparers & Revenue	13-2080	10
Tax Preparers	13-2082	10
Taxi Drivers and Chauffeurs	53-3041	32
Teacher Assistants	25-9041	16
Teachers, Primary, Secondary & Adult, All Other	25-3999	16
Tellers	43-3071	25
Textile, Apparel, and Furnishings Workers	51-6000	30
Therapists	29-1120	18
Tire Repairers and Changers	49-3093	29
Top Executives	11-1000	9
Training and Development Specialists	13-1073	10
Transit and Railroad Police	33-3052	20
Transportation, Storage & Distribution Managers	11-3071	9
Transportation, Tourism & Lodging Attendants	39-6000	23
Truck Drivers, Heavy and Tractor-Trailer	53-3032	32
Truck Drivers, Light or Delivery Services	53-3033	32

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Vehicle & Mobile Equip. Mechanics, Installers	49-3000	29
Vocational Ed. Teachers, Secondary School	25-2032	16

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Waiters and Waitresses	35-3031	21
Water Transportation Workers	53-5000	32
Water, Liquid Waste Treat. Plant & System Ops	51-8031	31
Weigher, Measurer, Checker, Sampler- Records	43-5111	26
Welders, Cutters, Solderers, and Brazers	51-4121	30
Welding, Soldering, and Brazing Workers	51-4120	30
Wholesale & Retail Buyers, Ex. Farm Products	13-1022	10
Woodworkers	51-7000	30
Woodworking Machine Setter, Operator & Tender	51-7040	30
Word Processors and Typists	43-9022	26
Writers and Editors	27-3040	17